

NEWTEC NEWSLETTER

JULY 2009



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*Jens Peder Rasmussen
will take over the
position as Manager of
Mechanical Design
Department.*

Dear Newtec dealers,

This is the last week before our holiday and the whole Newtec Team wishes you and your customers a pleasant and nice summer.

After the summer holiday we at Newtec look forward to, continuously, serving and supporting you with creative solutions of high quality and performing machines.

Newtec wants on a regular basis to send out a newsletter informing you about new solutions and/or applications using present/existing machines.

Below you will find some of our latest initiatives for your inspiration meeting customer demands and needs.

Organizational change in mechanical design

From August 1st 2009 Jens Peder Rasmussen (43) will take over the position as Manager of Mechanical Design Department. Jens Peder has been employed at Newtec since December 2006.

Our present manager, Mogens Runge (61), has for some time wished to step back as manager but will with full force continue as Senior Designer serving you and your customers with functional applications and ideas.

Big portions at low cost / 2004XXB

"For the Russian market we need a weighing machine for up to 25kg bags of unwashed potatoes to be used at the growers as pre-packing before shipment to pack houses near to the big cities."

*"It has to be simple
and reliable with low
investment value"*

Dmitry Ignatiuk
(Agropak)

"It has to be simple and reliable with low investment value."

This was expressed by Dmitry Ignatiuk from Agropak late 2008. We took up the challenge and launched model 2004XXB end of 1st quarter 2009.

The machine is ideal for potatoes, carrots and onions.

Besides Russia, Newtec has already sold the 2004XXB to Italy, Spain and the Czech Republic.

In the solution for Russia the 2004XXB runs together with a Gillenkirch US 2500 NE.



2004XXB

The characteristics of the machine are:

- Robustly constructed in stainless steel
- Gentle product handling with low drops
- Simply cleaned
- Pack weight programming in seconds
- Fully automatic infeed control
- Automatic taring of weighheads

The capacity of the machine is as follows:

Portions per. Min	2,5 kg	5 kg	10 kg	25 kg	35 kg
Potatoes	15	14	10	6	4*
Giveaway	60 g	75 g	100 g	250 g	350 g
Carrots		12	8	4*	
Giveaway		125 g	150 g	375 g	

* Quadruple dump

Mixing lollipops using 2 x 2014PC-2B

The machines from Newtec are of course not only for handling fruits and vegetables!

Present machinery with some modifications can be used in different segments.

In 2008, Newtec delivered an application for handling lollipops using 2 x 2014PC-2B, to a customer of Guirafa Packaging S.L. in Spain.

*... not only for handling
fruits and vegetables!*

The characteristics of the machine are:

- Robustly constructed in stainless steel
- Simply cleaned
- Products can be packed for both retail and wholesale.
- Can mix 2, 4 or 6 different products based on the requested quantity (grams) of each kind of product.
- Can handle part portions from 50g and upwards.
- Originally made for fish, however, it is now used for lollipops as well.
- The capacity is up to 50 portions / minute.



2 x 2014PC-2B

Please contact Guillermo Alcover for more information and references.

E-mail: sales@guirafa.com

Mobile: +34 60 58 57821

New standard for cherry packaging Gentle high speed weigher for cherries

At Fruit Logistica 2009 Newtec showed our modified solution for gentle handling of cherries into punnets.

We have launched 2 models depending on customer need for performance:

- **3009MD / NBM61F**
- **3013MD / NBM91F**

In UK we have already 2 installations up running with 3009MD. Please take contact to GM Ian Weatherstone (Newtec UK) (+44 7827 97 32 36) for more information.

*Extremely gentle
product handling with
low drops*

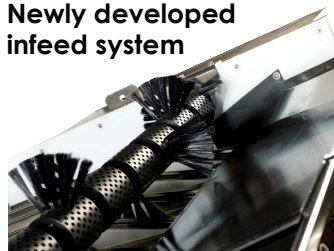
The characteristics of the machine are:

- Robustly constructed in stainless steel
- Extremely gentle product handling with low drops
- Specially developed anti-bridging system in vibrator feed
- Pack weight programming in seconds
- Fully automatic infeed control
- Automatic taring
- Automatically controlled feeding systems
- "No punnet – no product" system



3009MD / NBM61F

Newly developed infeed system



The capacity of the machine is as follows:

MODEL 3009MD/NBM61F	100 g	250 g	500 g	750 g	1 kg
Portions per min.	50	50	50	45	45
Average giveaway	5 g	5 g	5 g	5 g	5 g
MODEL 3013MD/NBM91F	100 g	250 g	500 g	750 g	1 kg
Portions per min.	75	75	75	70	70
Average giveaway	3 g	3 g	3 g	3 g	3 g

Top up and control your mix / 2009PCB-2B

Also at Fruit Logistica Newtec showed a solution for your customers to top-up products e.g. vegetables for soup, fish products etc.

We can offer applications with different machines involved.

The characteristics of the machine are:

- Robustly constructed in stainless steel
- Simply cleaned
- The machine is specially suitable for mix of products which are normally difficult to handle in automatic machines.
- The machine is fed manually with products on the portion belt (e.g. onions, leeks, parsnips, etc.). Thereafter the portion is automatically 'topped-up' with another product (e.g. carrots).
- Top-up is made to obtain a precise final weight which is set beforehand.

Estimated capacity

- Fish mix:
 - ½ kg portions: 35-40 portions per min
- Soup mix:
 - 1 kg portions: 35-40 portions per min.

*Top-up is made to
obtain a precise final
weight*



2009PCB-2B

Improved user interface for Celox – now more user-friendly

For some time it has been the aim to make the user interface on the Celox more user-friendly. As you will experience below a number of changes and improvements have been made. You will see that new features have been added and old ones have been automated.

It is now much easier and faster to operate and configure the machine and now the results are directly visible on the screen. These features and options in the control panel are truly unique when compared to other systems.

...much easier and faster to operate and configure the machine...

For current Celox-owners:

- Please note that threshold and max, sum settings have been replaced by easy-to-use color sliders.
- Also note that size grading is now directly visible and accessible from the main class screen.
- Furthermore, you can now see the actual produce as it is being photographed and shown on the screen.

Below you see some examples from the improved interface.

Main class screen

Number of products in each class and percentage of the total input.

Annotations for the screenshot:

- Size grading
- The conveyors chosen for each class.
- Total input
- Machine infeed.
- The current capacity in percentage of the theoretical capacity.
- Current production rate
- Show as kg or units option.
- Presentation of raw produce.
- Presentation of products in each class.

Active	Bind to	Class	Sizing	Quantity
A	A		4388 28%	3
B	a		4673 30%	2
C	a		3215 20%	1
Rejected			3137 20%	0

Input: 15423 (100%)
 Infeed: 22%
 Light: 60

Quality grading

Max and min. value are adjusted here.

Green indicates the activated filter(s).

Grey indicates filters that are not active.

Show as kg or units option.

Total input

Products accepted in the selected class.

All filters are adjusted at once.

Blue shows the actual adjustment within the specific filter

Green indicates that the product is well below the max value.

Yellow indicates that the product is close to the max value.

Red indicates that the product is above the max value and therefore the product is rejected. A product is rejected if one or more filters are above max value.

Filter	Value	Upper Limit	Color
Green.Yellow_41	200	58	Green
Rot.Yellow_4	852	119	Green
Black Spots.Yellow_4	659	58	Green
Gray Damage.Yellow_4	564	119	Green
Dry Cuts.Yellow_4	0	239	Grey
Growthcracks.Yellow_4	0	119	Grey

Size grading

Program name

Current batch

Previous class

Next class

Green indicates activated size criteria.

Grey indicates size criteria that are not active.

Indicates class (Every class is color-coded)

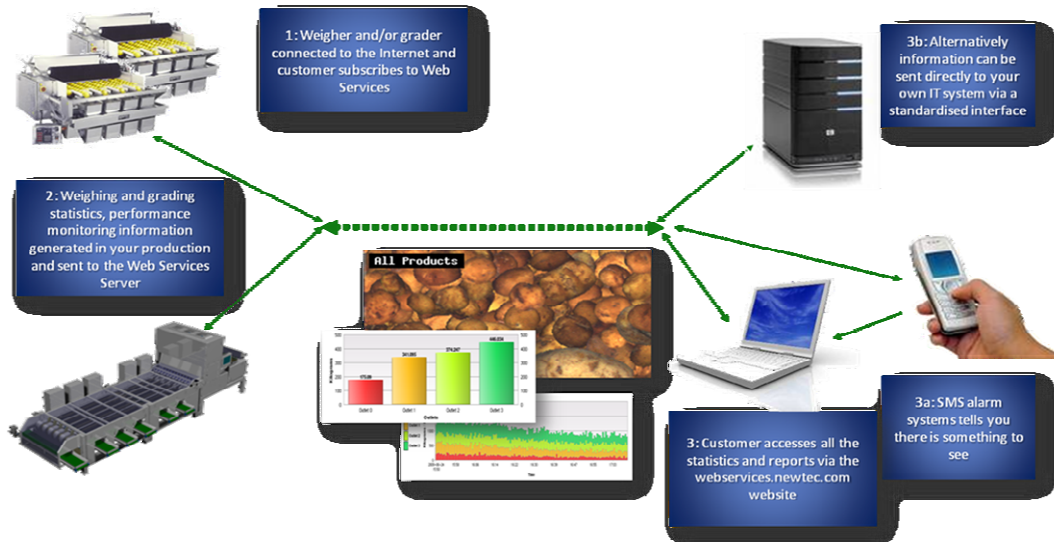
Number of products rejected because of the size criteria.

Criteria	Rejected	Smallest	Biggest
Length	0	0 (53)	85 (53)
Circular Mask	0	0 (37)	999 (37)
Square Mask	0	0 (35)	999 (35)
Volume	1702	0 (38)	40 (38)
Not rolling	0	3	80 (17)
Shape	0	20	150 (0)

Web Services - work smarter...

Web Services enables you to work smarter, and provides many ways to increase the volume and value of your production.

The illustration below show how the Web Service works.



- Access all the information wherever you are via the WWW.
- Integrate the data from Web Services into your own systems via a standard interface.
- SMS alarms based on your preferences for statistics and hardware alerts.

Traceability

- Web services provides a simple system for managing traceability

Product Utilisation

- Access detailed statistics, enables clear visibility of your production, includes reports for each outlet, rejections and actual pictures of your production.
- Provides a complete breakdown of your production size and quality provides detailed data on rejection.
- Track batches currently in production, flexible production alarm system keeps you informed in real time.
- See how the machine is configured for a batch and how it changes during operation to ensure consistency between operators and improved operator training and troubleshooting.

Production Optimisation

- Monitor the utilisation of your machine during a batch and over a time period.

In the end of this Newsletter let us remind you of the **NEWTEC SUMMER SALE** with order deadline August 14th 2009.
A lot of you have already utilized the opportunity for this offer.

Once again, have a nice and well deserved summer holiday together with family and friends.

Best regards,

Henrik Winther Knudsen

CEO / Newtec A/S

*...have a nice and well
deserved summer
holiday...*
